



IN THE CLAIMS

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Please amend the claims as follows:

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1. (Canceled)
 2. (Currently Amended) ~~The method of claim 1, further comprising:~~ A method, comprising:
receiving a packet at a port filter, wherein the packet comprises a port number;
determining whether there is a host application associated with the port number; and
when there is not a host application associated with the port number, discarding the
packet,
when there is a host application assigned to the port number, sending a wake-up message
to a host computer.
 3. (Original) The method of claim 2, further comprising:
receiving the wake-up message at the host computer; and
changing the host computer from a power-managed state to an operational state.
 4. (Canceled)
 5. (Currently Amended) The method of ~~claim 4,~~ claim 2, further comprising:
receiving information from the host computer; and
using the information to carry out a determining element, wherein the information
comprises executable instructions.
 - 6-8. (Canceled).

9. (Currently Amended) The method of ~~claim 8~~ claim 2, further comprising:
detecting a port in use by the host application;
selecting information based on the port in use by the host application; and
sending the information to the port filter, wherein the port filter uses the information to
carry out a determining element, wherein the information comprises executable instructions.

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10-11. (Canceled)

12. (Currently Amended) A signal-bearing media comprising instructions, wherein the instructions when read and executed by a processor comprise:
receiving a packet comprising a port number identifier;
determining whether there is a host application associated with the number identifier; and
when there is a host application associated with the port number identifier, sending a wake-up message to a host computer.

13. (Original) The signal-bearing media of claim 12 further comprising:
when there is not a host application assigned to the port, discarding the packet.

14. (Original) The signal-bearing media of claim 12, further comprising:
receiving the wake-up message; and
changing the host computer from a power-managed state to an operational state.

15. (Currently Amended) The signal-bearing media of claim 12, further comprising:
receiving information from the host computer; and
using the information to carry out ~~the~~ a determining element.

16. (Original) The signal-bearing media of claim 15, wherein the information comprises executable instructions.

17. (Original) The signal-bearing media of claim 15, wherein the information comprises data, and wherein the data is to describe a host application.

18. (Currently Amended) The signal-bearing media of claim 15, wherein the information comprises data, and wherein the data is to describe a port number identifier.

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19. (Currently Amended) The signal-bearing media of claim 12, further comprising:
detecting a port in use by the host application;
selecting information based on the port in use by the host application; and
sending the information to the port filter, wherein the port filter uses the information to carry out ~~the~~ a determining element.

20. (Original) The signal-bearing media of claim 19, wherein the information comprises executable instructions.

21. (Original) The signal-bearing media of claim 19, wherein the information comprises data, wherein the data describes a host application.

22. (Currently Amended) The signal-bearing media of claim 19, wherein the information comprises data, wherein the data describes a port number identifier.

23. (Currently Amended) An apparatus, comprising:
a port filter to
 receive a packet comprising a port number identifier,
 determine whether there is a host application associated with the port number identifier, and
 send a wake-up message to a host computer when there is a host application associated with the port number identifier.

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 09/746205

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Title: PORT-BASED PACKET FILTER

Assignee: Intel Corporation

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Dkt: 884.336US1 (INTEL)

24. (Currently Amended) The apparatus of claim 23, wherein the port filter further is to: discard the packet when there is not a host application associated with the port number identifier.

25. (Currently Amended) The apparatus of claim 23, wherein the port filter further is to: receive program information from the host computer; and use the program information to execute ~~the~~ a determine element.

26. (Original) The apparatus of claim 25, wherein the program information comprises executable instructions.

27. (Original) The apparatus of claim 25, wherein the program information comprises data to describe a host application.

28. (Currently Amended) The apparatus of claim 25, wherein the program information comprises data to describe a port number identifier.

29. (Original) The apparatus of claim 23, wherein the wake-up message is to cause the host computer to change from a power-managed state to an operational state.

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